

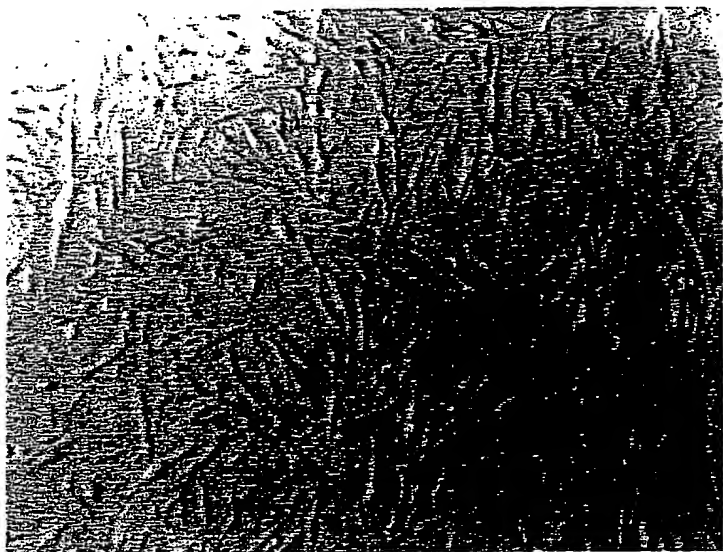


EXHIBIT A

/

Used CCF-STTG1 cells for an uptake experiment following the uptake protocol 1:00 & utilizing the multichannel pipettor.

Note: For this experiment we are lowering the [C] of unlabelled anandamide from 100nM to 30nM.



CCF-STTG1 cells  
Plate 517, assay

compound tested: AM 404

Compound tested: AM 404  
cells 5 days in  
culture since replating  
(5th replating)

|           |         | 30nM unlabelled anandamide |   | + 0.45nM [ <sup>3</sup> H] anandamide |   |           |        |
|-----------|---------|----------------------------|---|---------------------------------------|---|-----------|--------|
| CCF-STTG1 | 295-297 | "                          | + | "                                     | + | 0.1% DMSO |        |
|           | 298-300 | "                          | + | "                                     | + | 0.03 mM   | AM 404 |
|           | 301-303 | "                          | + | "                                     | + | 0.1 mM    | AM 404 |
|           | 304-306 | "                          | + | "                                     | + | 0.3 mM    | AM 404 |
|           | 307-309 | "                          | + | "                                     | + | 1.0 mM    | AM 404 |
|           | 310-312 | "                          | + | "                                     | + | 3.0 mM    | AM 404 |
|           | 313-315 | "                          | + | "                                     | + | 10.0 mM   | AM 404 |
|           | 316-318 | "                          | + | "                                     | + | 30.0 mM   | AM 404 |

Reincubation (w/ the same drug [C]'s as incubation) was carried out for 13 min. Incubation for 4 minutes. Cells were detached from the plates by sonicating in a water bath for 30 seconds.

PROTOCOL : 9 34180

000001

DCOL : 9 3H180  
 :  
 : 19:55  
 : DL:\F09AS237.TXT  
 : F09AS237

BEST AVAILABLE COPY

5113

own samples:

| CTime | H3 DPM  |                            |
|-------|---------|----------------------------|
| 180   | 43534.0 | A4404<br>+<br>30m<br>Ampl. |
| 180   | 43183.5 |                            |
| 180   | 38454.9 |                            |
| 180   | 49833.2 | control 0                  |
| 180   | 48430.1 | 10.0                       |
| 180   | 40831.3 |                            |
| 180   | 5483.6  | control                    |
| 180   | 5477.5  | + cells                    |
| 180   | 5340.3  |                            |
| 180   | 4778.5  | 1.0 +                      |
| 180   | 4485.8  | cells                      |
| 180   | 3906.9  |                            |

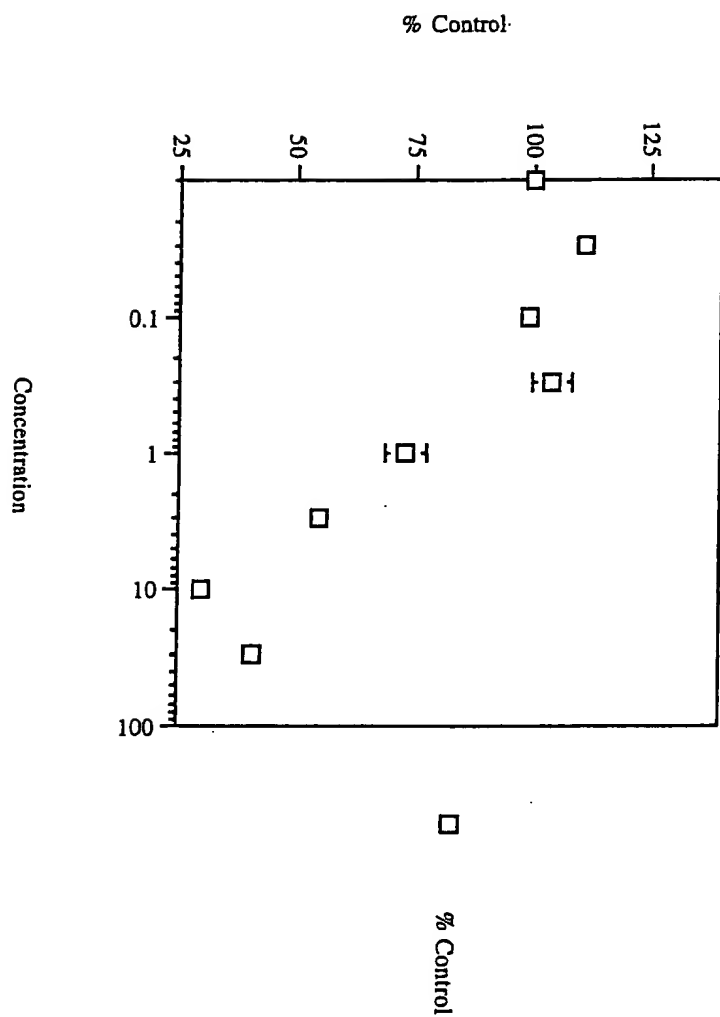
| CTime | H3 DPM  |         |
|-------|---------|---------|
| 180   | 43991.7 | 0.03.0  |
| 180   | 45959.9 |         |
| 180   | 39007.3 |         |
| 180   | 48100.1 | 3.0.0   |
| 180   | 45546.3 |         |
| 180   | 41879.4 |         |
| 180   | 6219.1  |         |
| 181   | 6460.1  | 0.03    |
| 180   | 6008.2  | + cells |
| 180   | 3066.4  |         |
| 180   | 3423.2  | 3.0     |
| 180   | 3165.1  | + cells |

| CTime | H3 DPM  |         |
|-------|---------|---------|
| 180   | 50545.1 | 0.1.0   |
| 180   | 46934.7 |         |
| 180   | 39732.6 |         |
| 180   | 52023.0 | 10.0.0  |
| 180   | 51565.7 |         |
| 180   | 49244.0 |         |
| 180   | 6070.1  | 0.1     |
| 180   | 5914.9  | + cells |
| 180   | 5783.6  |         |
| 180   | 2007.6  | 10.0    |
| 180   | 2141.6  | + cells |
| 180   | 1804.4  |         |

| CTime | H3 DPM  |         |
|-------|---------|---------|
| 180   | 36614.3 | 0.3.0   |
| 180   | 34329.6 |         |
| 180   | 30793.7 |         |
| 180   | 54859.6 | 30.0.0  |
| 180   | 59524.3 |         |
| 180   | 52615.9 |         |
| 180   | 4937.0  | 0.3     |
| 180   | 4537.3  | + cells |
| 180   | 4287.3  |         |
| 180   | 2935.0  | 30.0    |
| 180   | 2918.2  | + cells |
| 180   | 2949.9  |         |

000002

# BEST AVAILABLE COPY



000003

| Column ID    | A          | B         | C         | D         | E         | F         | G         | H         | I         | J        | K        | L        | M        |
|--------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
| Column Title | Control In | 0.03 In   | 0.1 In    | 0.3 In    | 1.0 In    | 3.0 In    | 10.0 In   | 30.0 In   | Control c | 0.03 c   | 0.1 c    | 0.3 c    | 1.0 c    |
| Raw or Mean  | Raw Data   | Raw Data  | Raw Data  | Raw Data  | Raw Data  | Raw Data  | Raw Data  | Raw Data  | Raw Data  | Raw Data | Raw Data | Raw Data | Raw Data |
| Mean         | 4.1724e+0  | 4.2986e+0 | 4.5738e+0 | 4.3913e+0 | 4.6365e+0 | 4.5175e+0 | 5.0944e+0 | 5.5667e+0 | 5433.33   | 6229.00  | 5923.00  | 4587.00  | 4390.67  |
| SD           | 2838.73    | 3563.93   | 5504.56   | 2932.36   | 4843.37   | 3127.05   | 1490.16   | 3523.94   | 80.93     | 228.17   | 143.17   | 327.87   | 443.76   |
| Sample size  | 3          | 3         | 3         | 3         | 3         | 3         | 3         | 3         | 3         | 3        | 3        | 3        | 3        |
| SEM          | 1637.79    | 2069.18   | 3178.05   | 1683.00   | 2796.32   | 1805.40   | 880.34    | 2034.55   | 46.72     | 130.58   | 82.66    | 189.30   | 266.20   |
| 95% CI min   | 3.4877e+0  | 4.4083e+0 | 4.2063e+0 | 4.6626e+0 | 4.4332e+0 | 4.7408e+0 | 4.7242e+0 | 4.6912e+0 | 6232.28   | 5667.13  | 5567.32  | 3772.46  | 3288.26  |
| 95% CI max   | 4.8772e+0  | 5.1890e+0 | 4.9413e+0 | 4.1198e+0 | 4.8397e+0 | 5.2844e+0 | 5.4646e+0 | 5.4421e+0 | 5634.39   | 6790.87  | 6278.68  | 5401.64  | 5483.00  |
| Minimum      | 3.8455e+0  | 4.9007e+0 | 4.9733e+0 | 4.0794e+0 | 4.0831e+0 | 4.1879e+0 | 4.9244e+0 | 5.2616e+0 | 5340.00   | 6008.00  | 5784.00  | 4287.00  | 3907.00  |
| Maximum      | 4.3534e+0  | 4.5980e+0 | 4.0545e+0 | 4.6614e+0 | 4.8108e+0 | 5.2023e+0 | 5.9524e+0 | 6484.00   | 6480.00   | 6070.00  | 4837.00  | 4779.00  |          |

| N        | O        | P        |
|----------|----------|----------|
| 3.0 c    | 10.0 c   | 30.0 c   |
| Raw Data | Raw Data | Raw Data |
| 3218.00  | 1984.67  | 2934.33  |
| 184.31   | 170.20   | 16.01    |
| 3        | 3        | 3        |
| 106.41   | 98.27    | 9.24     |
| 2780.12  | 1581.82  | 2884.56  |
| 3675.88  | 2407.61  | 2974.11  |
| 3066.00  | 1804.00  | 2918.00  |
| 3423.00  | 2142.00  | 2950.00  |

ST-CCF-STTG19705-13AM404

| 1             | 2       | 3           | 4    | 5        | 6             | 7        | 8         | 9     |
|---------------|---------|-------------|------|----------|---------------|----------|-----------|-------|
| Concentration | Initial | In the cell | SEM  | Corr fac | In the cell c | SEM c    | % Control | SEM % |
| 1             | 0.01    | 41724       | 5433 | 47       | 1             | 5433     | 100       | 0.87  |
| 2             | 0.03    | 42986       | 6229 | 131      | 0.971         | 6048.359 | 111       | 2.34  |
| 3             | 0.1     | 45738       | 5923 | 83       | 0.912         | 5401.778 | 99        | 1.4   |
| 4             | 0.3     | 33913       | 4587 | 189      | 1.23          | 5642.01  | 104       | 4.27  |
| 5             | 1       | 46365       | 4391 | 256      | 0.9           | 3951.9   | 73        | 4.23  |
| 6             | 3       | 45175       | 3218 | 106      | 0.924         | 2973.432 | 55        | 1.8   |
| 7             | 10      | 50944       | 1985 | 98       | 0.819         | 1625.715 | 30        | 1.47  |